

What is claimed is:

1. A lamp device comprising:

a discharge lamp comprising an arc tube, the arc tube enclosing luminescent materials and having disposed therein a pair of opposing electrodes, and a pair of sealed portions extending from the arc tube;

a reflector which reflects light radiated by the discharge lamp;

a transparent member covering an open end of the reflector and accommodating the discharge lamp in a space between the transparent member and the reflector; and

means for preventing an excessive temperature rise wherein the temperature rise of welded parts of wiring members electrically connected to the electrodes is restricted.

2. A lamp device according to claim 1, wherein the sealed portions have a foil sealed construction.

3. A lamp device according to claim 1, wherein an inside space of the reflector and the transparent member is hermetically sealed in a gastight manner.

4. A lamp device according to claim 1, wherein the pair of sealed portions have differing lengths and the means for preventing an excessive temperature rise is such that the longer sealed portion is on the side of the transparent member and the shorter sealed portion is on the side of the base

of the reflector.

5. A lamp device according to claim 4, wherein an end of the sealed portion on the side of the transparent member is positioned near the transparent member.

5 6. A lamp device according to claim 1, wherein the means for preventing an excessive temperature rise is means for channeling heat such that heat from the sealed portion disposed on the side of the transparent member is conducted to the exterior of the lamp device.

10 7. A lamp device according to claim 1, wherein the means for preventing an excessive temperature rise is such that the sealed portion disposed on the side of the transparent member is integral with the transparent member.

15 8. A lamp device according to claim 1, wherein the means for preventing an excessive temperature rise is such that the front end of the sealed portion disposed on the side of the transparent member projects into the exterior of the transparent member.

9. A lamp device according to claims 6, 7, or 8, further comprising cooling means for removing conducted heat to the exterior of the lamp device.

20 10. A discharge lamp comprising:

an arc tube enclosing luminescent materials and having disposed

therein a pair of opposing electrodes; and  
a pair of sealed portions extending from the arc tube, the pair of sealed  
portions having differing lengths.